

SLOTO

Cryo Protection

Hazards

Cold Burns could occur upon exposure to Liquid Nitrogen within seconds
-196 °C is the Temperature of Liquid Nitrogen when in atmosphere
Asphyxiation can occur if working in small rooms / without ventilations.

Root Cause

- | Cause | Control |
|---------------------|---|
| - Improper Carriage | (Use proper carriage containers) |
| - Machine Failure | (Calibration & Inspection of equipment) |
| - Human Error | (Training & SOP's) |
| - Natural Disaster | (Beyond Control, Spill due to earthquake etc..) |



Solutions

We have a comprehensive range of products to meet your needs from day to day material handling to Emergency Response and Leak Control.

Designed as per standards including **EN 511, EN 420** temperature resistance of 196 °C of Liquid Nitrogen.



Sr	Item Code	Name	I {b
1	BP-CY HG	Cryo Hand loves, 18"	62160090
1	BP-CY AG	Arm Gloves with Elastic Wrist, 12"	62160090
2	BP-CY CK	Cryo Suit SCBA Pouch Kit (pant, shirt, hood, gloves, boot)	62149090
3	BP-CY SK	Cryo Suit Kit (pant, shirt, hood, gloves, boot)	62149090
4	BP-CY AP	Cryo Apron 48"	62149090
5	BP-CY BT	Cryo Boots	64029990
6	BP-CY FS	Cryo Face Shield	39269099

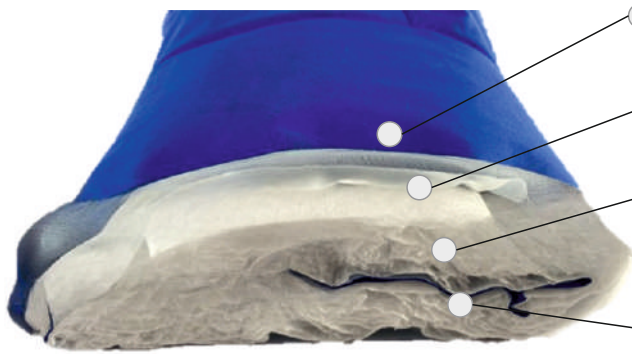


**Without
SCBA Pouch**

**With
SCBA Pouch**

Material of Construction :

Cryogenic gloves typically have a multi-layered construction.



- Inner and Outer Layer : Breathable Nylon Fabric
- Polyurethane water Proof Liner prevents water purging
- Insulating layer: Layers of Cotton Chemical Fiber material bonded together to trap insulating air.
- A Water proof Breathable Composite Material that wicks moisture away from the skin.

Cryogenic gloves incorporate specialized insulating materials to minimize heat transfer and maintain warmth in cold environments.

Features :



Waterproof and Resistant:

Waterproof and resistant to cryogenic liquids, ensuring protection against spills and exposure.

Dexterity and Grip:

Despite their insulation, cryogenic gloves are designed to maintain dexterity and grip. Workers can perform intricate tasks and handle objects with precision and control.

Temperature Range:

Designed to be used in cryogenic temperatures ranging from -85°C to -196°C .

They are suitable for areas where cryogenic gases, low-temperature freezers, dry ice, cold rooms, and cryogenic dewars are in use.

Applications:

Medical research, biotech, pharmaceutical research & manufacturing, aerospace, food processing, and clinical hospital laboratories.

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